

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) An AC adaptor integral-type household-power-line coupler comprising:

a household-power-line power converting/supplying unit connected to a plug unit, for supplying electric power to a communication terminal, said plug unit being employed to be coupled to a household-power-line plug socket;

a household-power-line carrier signal coupling unit for inputting/outputting that inputs a signal from a power line via said plug unit to said communication terminal and that outputs a signal to a power line via said plug unit from the communication terminal; and

a casing unit containing thereinto that contains therein both said household-power-line power converting/supplying unit and said household-power-line carrier signal coupling unit.

2. (Original) An AC adaptor integral-type household-power-line coupler according to claim 1, wherein said household-power-line power converting/supplying unit is parallel-connected to said household-power-line carrier signal coupling unit.

3. (Currently Amended) An AC adaptor integral-type household-power-line coupler according to claim 1, wherein further comprising a filter unit for removing noise and which is connected between said plug unit and said household-power-line power converting/supplying unit.

4. (Original) An AC adaptor integral-type household-power-line coupler according to claim 3, wherein said filter unit passes therethrough a low frequency signal, and owns a high impedance value in a high frequency range.

5. (Original) An AC adaptor integral-type household-power-line coupler according to claim 4, wherein said filter unit passes therethrough a signal having a frequency range lower than, or equal to 500 KHz.

6. (Original) An AC adaptor integral-type household-power-line coupler according to claim 4, wherein said filter unit is a choke coil.

7. (Original) An AC adaptor integral-type household-power-line coupler according to claim 4, wherein said filter unit is an LC filter.

8. (Original) An AC adaptor integral-type household-power-line coupler according to claim 1 or 3, further comprising:

a signal synthesizing/separating unit for superimposing/separating a high frequency signal outputted from said household-power-line carrier signal coupling unit to a DC voltage outputted from said household-power-line power converting/supplying unit.

9. (Original) An AC adaptor integral-type household-power-line coupler according to claim 8, wherein said signal synthesizing/separating unit is a choke coil.

10. (Currently Amended) An AC adaptor integral-type household-power-line coupler according to any one of claim 1 to claim 3, wherein said household-power-line carrier signal coupling unit is further comprised of comprises a household-power-line modem for executing both a modulating operation and a demodulating operation; and said household-power-line modem is driven by electric power supplied from said household-power-line power converting/supplying unit.